

ASSIGNING COMPUTATIONAL PROCESSES IN A COMPUTER  
SYSTEM TO WORKLOAD MANAGEMENT CLASSES

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ABSTRACT

Assigning computational processes in a computer system to workload management classes that include installing on the computer system an executable file from a software installation package. The software installation package typically includes a specification of workload management properties for the executable file which in turn includes a definition of a workload management class. Typical embodiments also include executing a process in dependence upon the executable file and assigning the process to the workload management class. In typical embodiments, the workload management class definition also includes a class name, a priority ranking, and an inheritance attribute. In typical embodiments, the specification of workload management properties also includes minimum values and maximum values for CPU, memory, and disk I/O shares for the executable file.